

FIG. 1

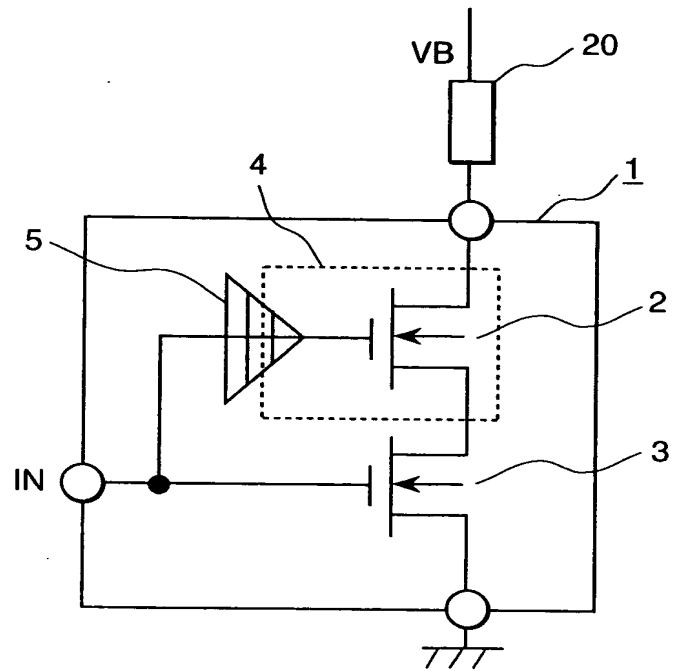


FIG. 2

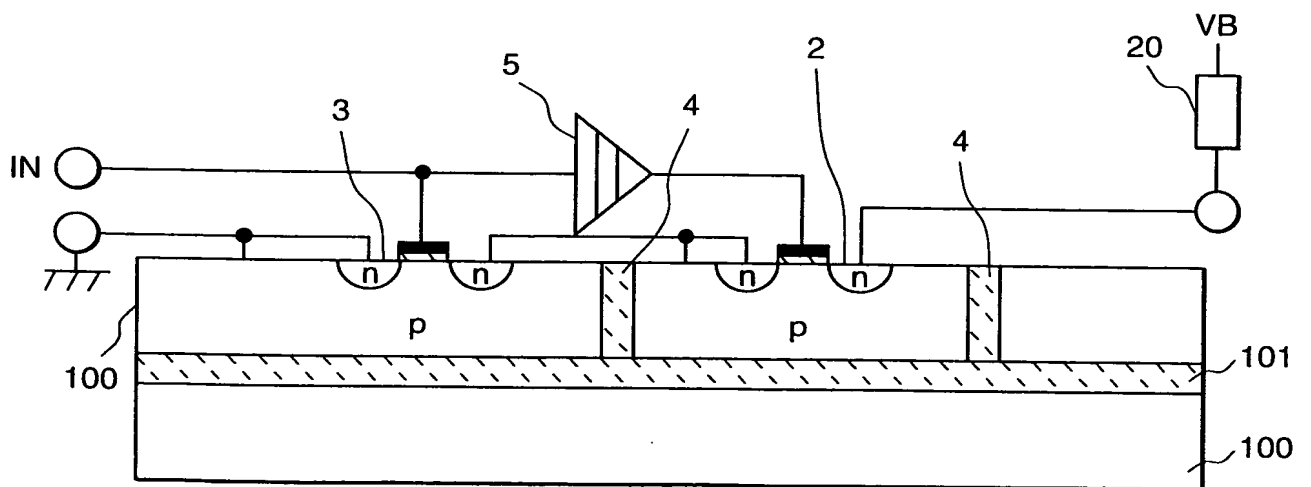


FIG. 3

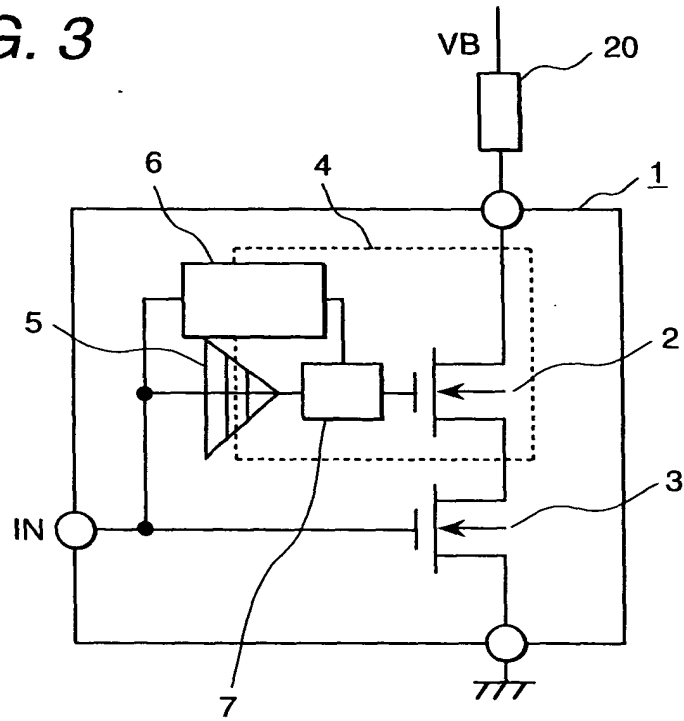


FIG. 4

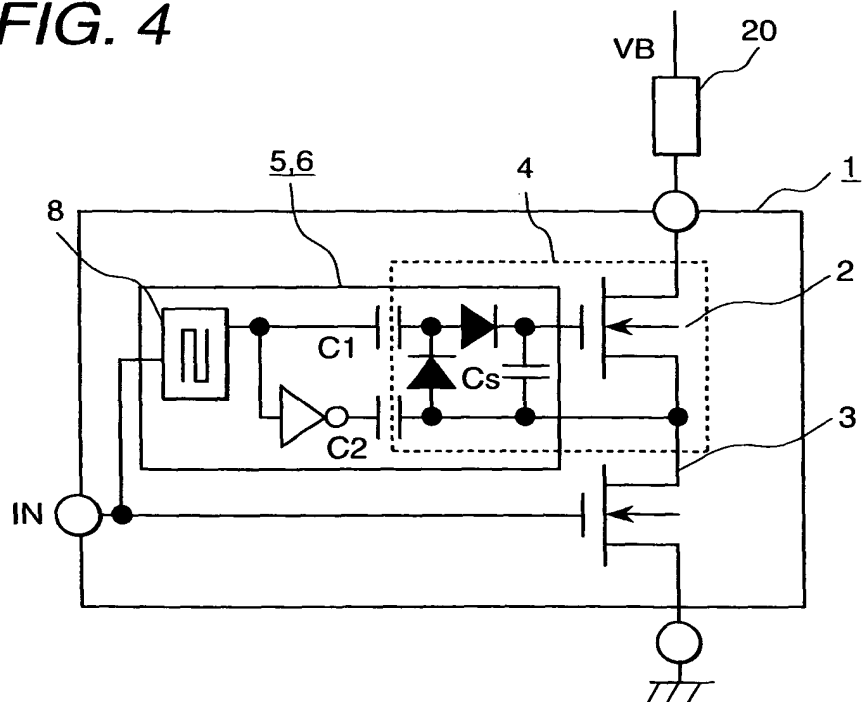


FIG. 5

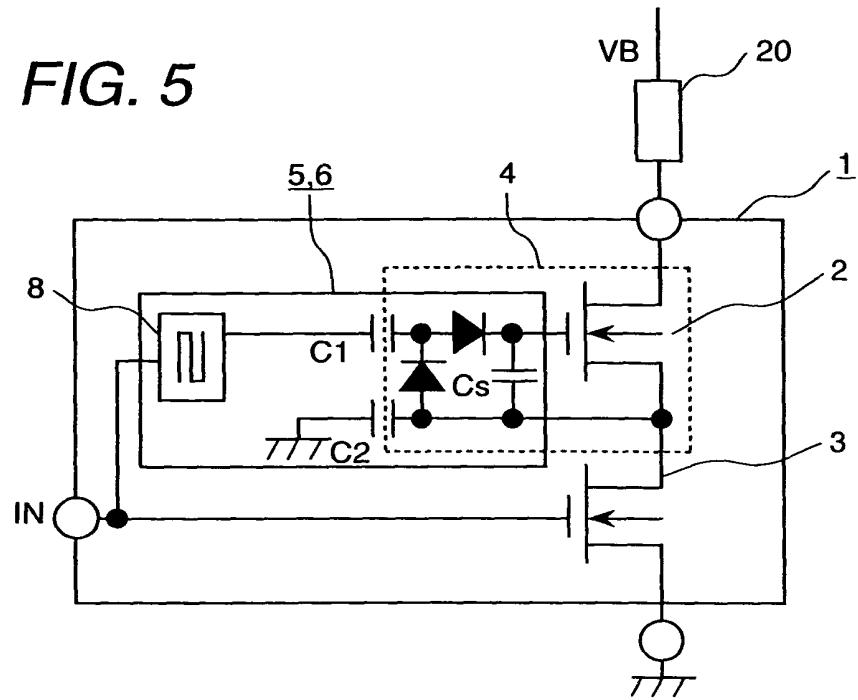


FIG. 6

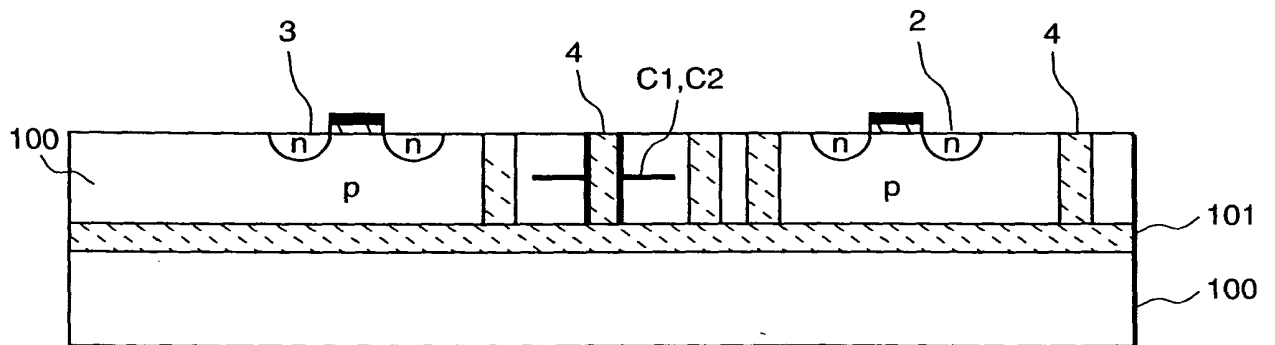


FIG. 7

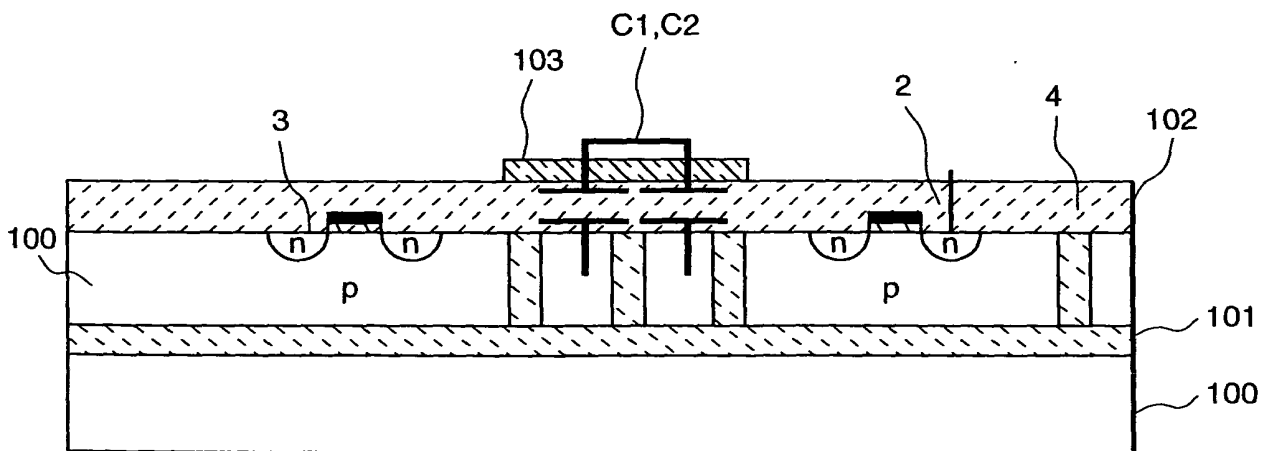


FIG. 8

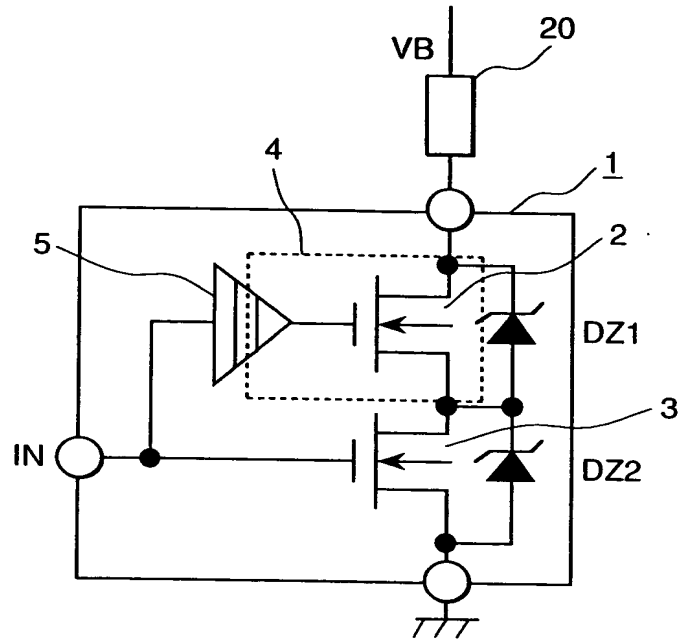


FIG. 9

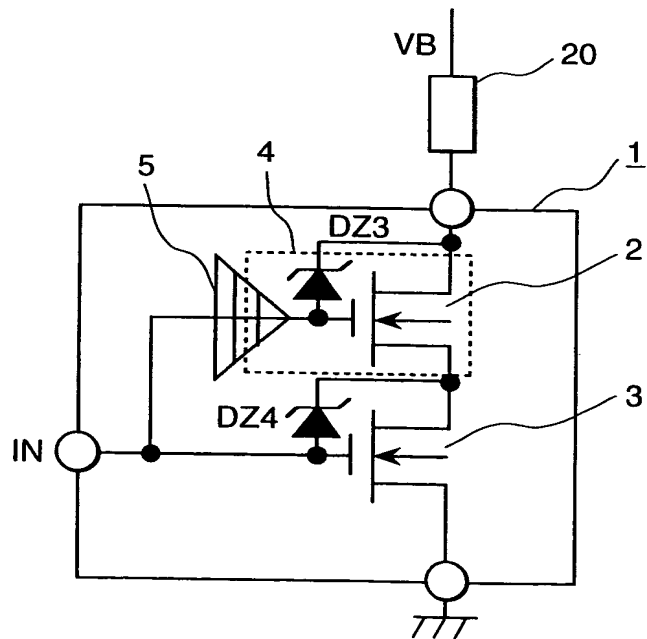


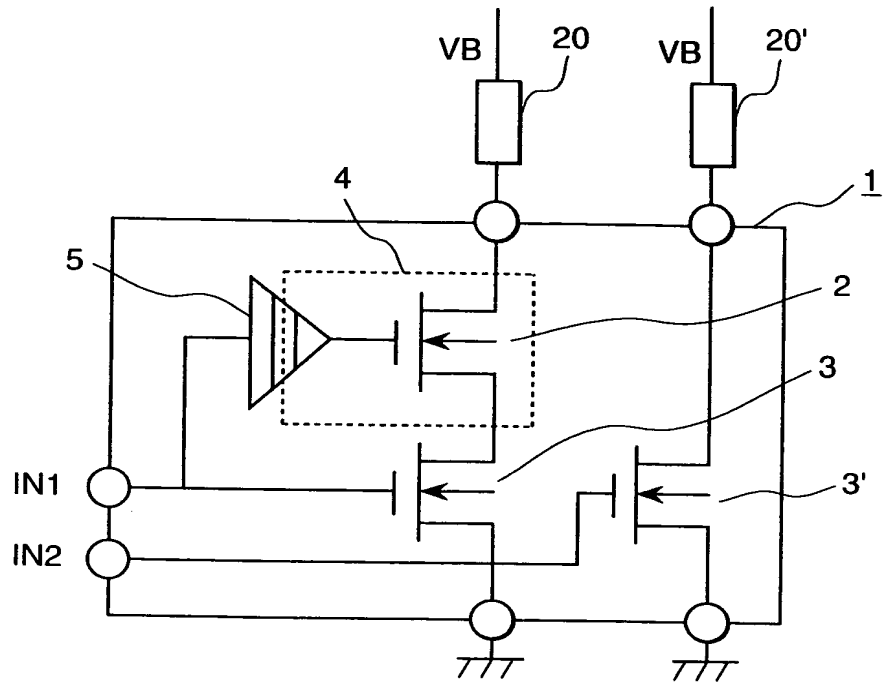
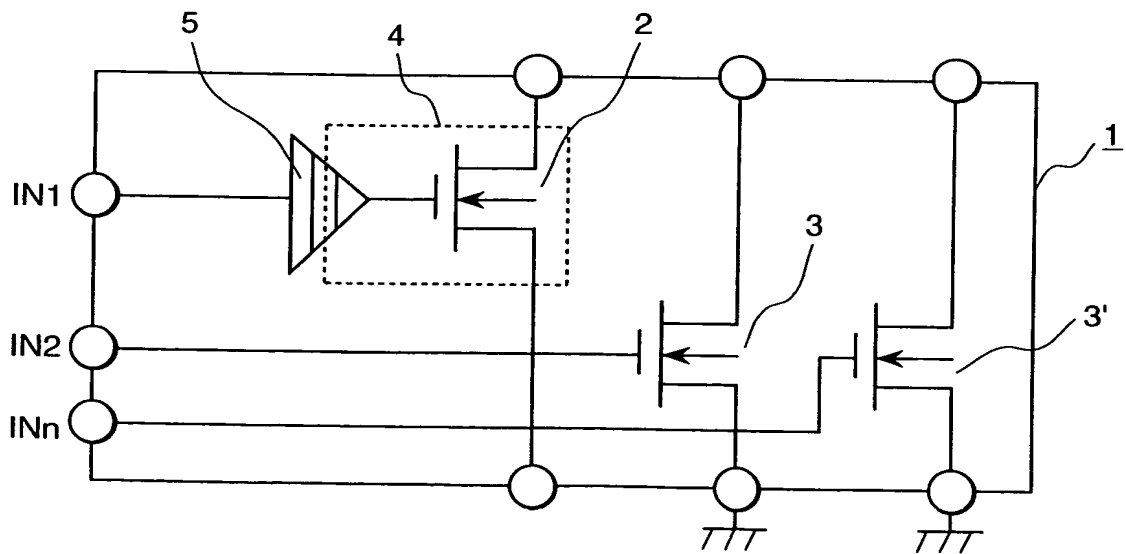
FIG. 10**FIG. 11**

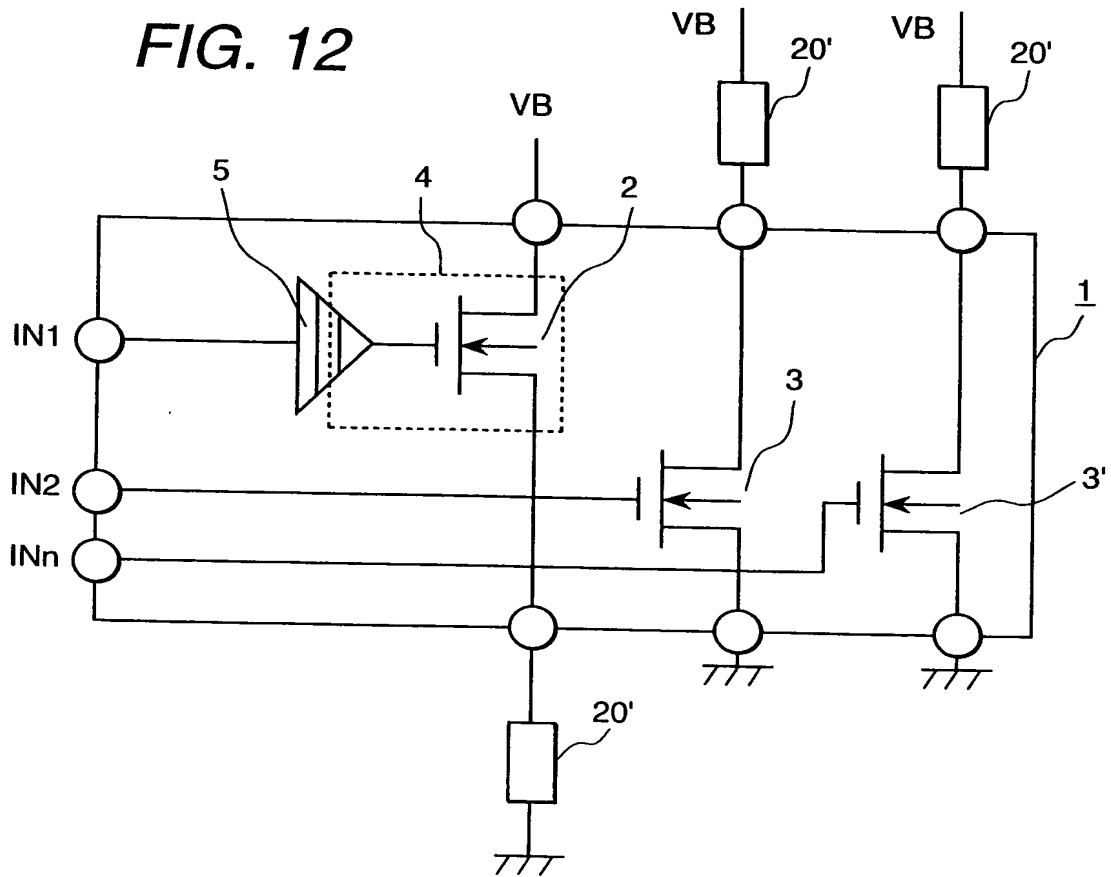
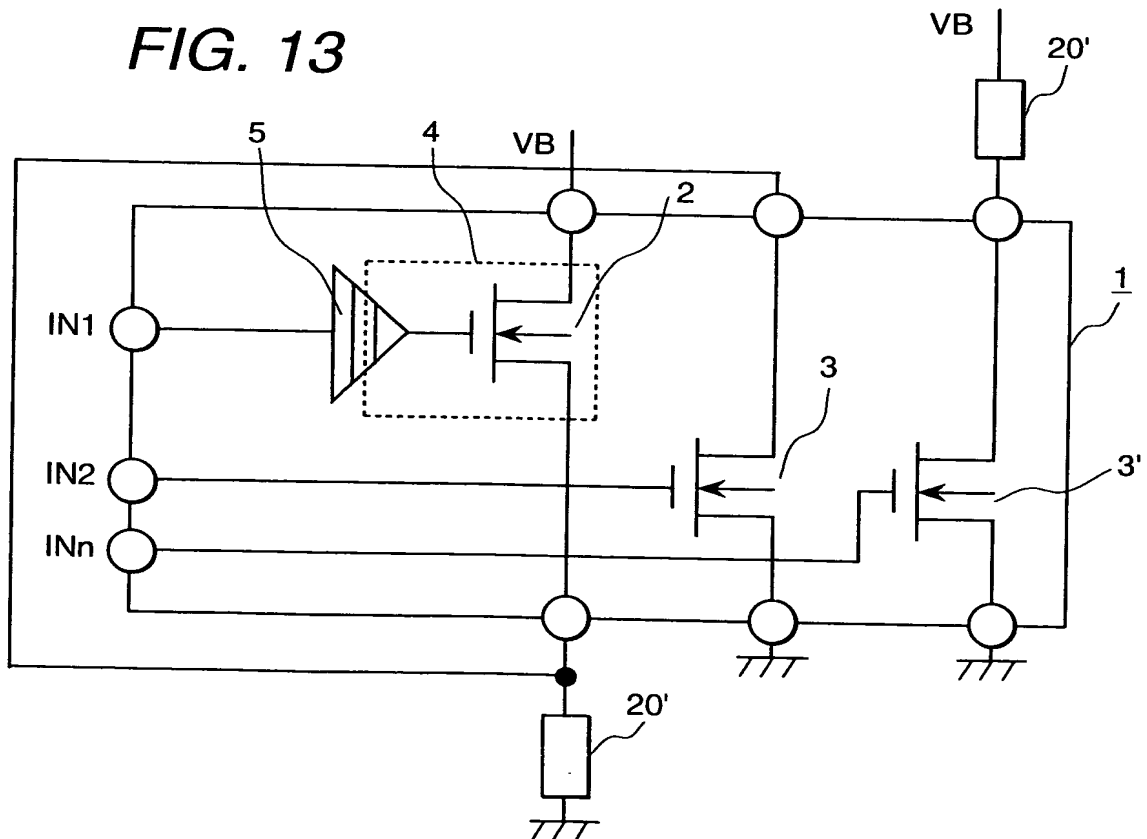
FIG. 12**FIG. 13**

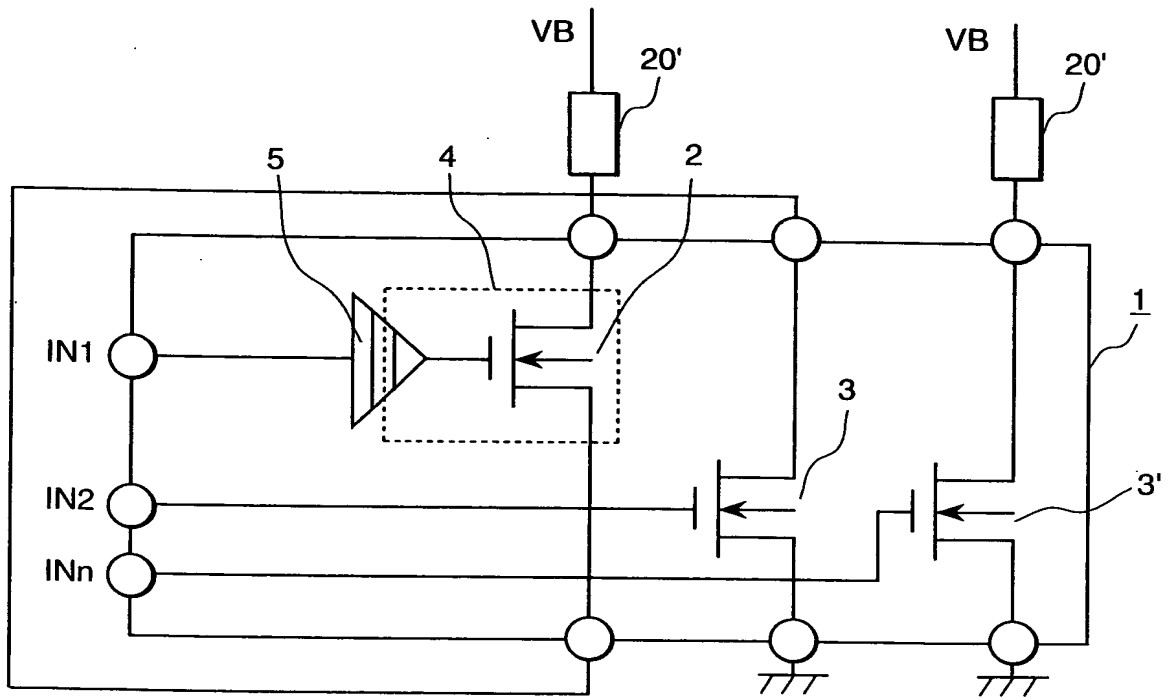
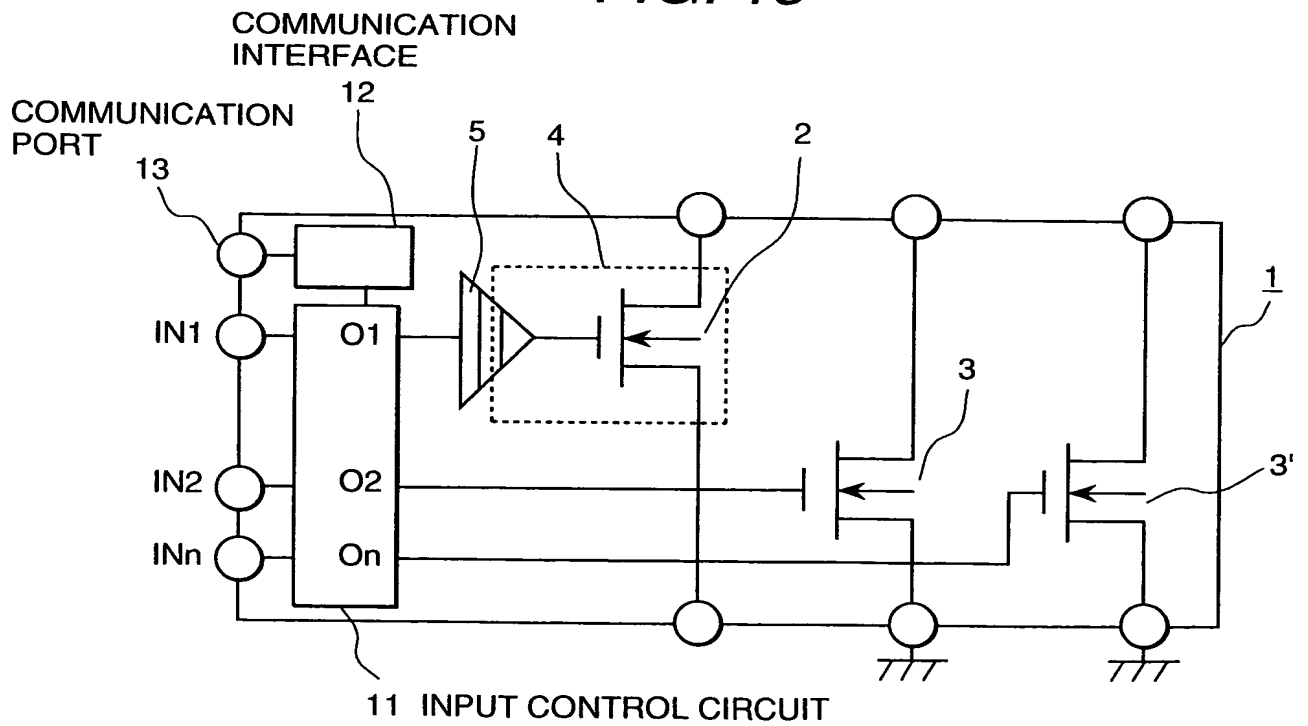
FIG. 14**FIG. 15**

FIG. 16

IN1	IN2	O1	O2
L	L	L	L
L	H	L	H
H	L	H	L
H	H	L	L

FIG. 17

IN1	O1	O2
L	L	L
H	H	H

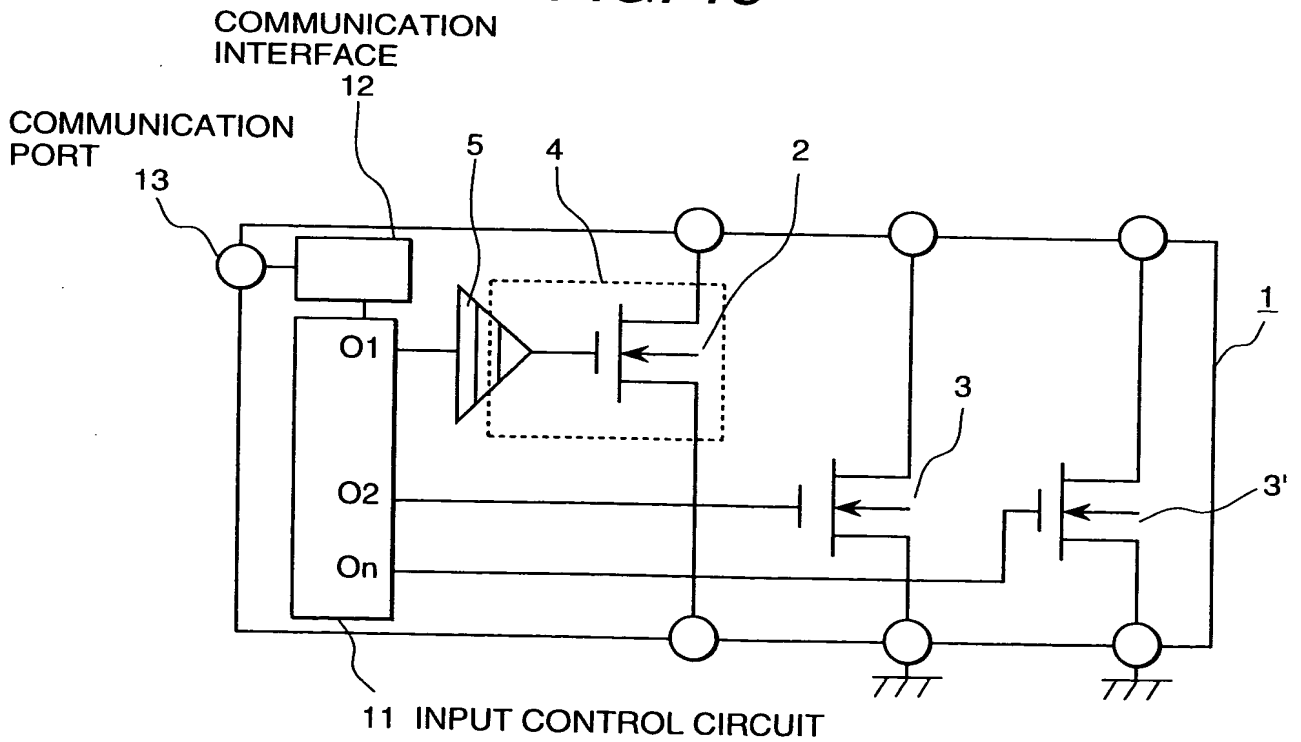
FIG. 18

FIG. 19

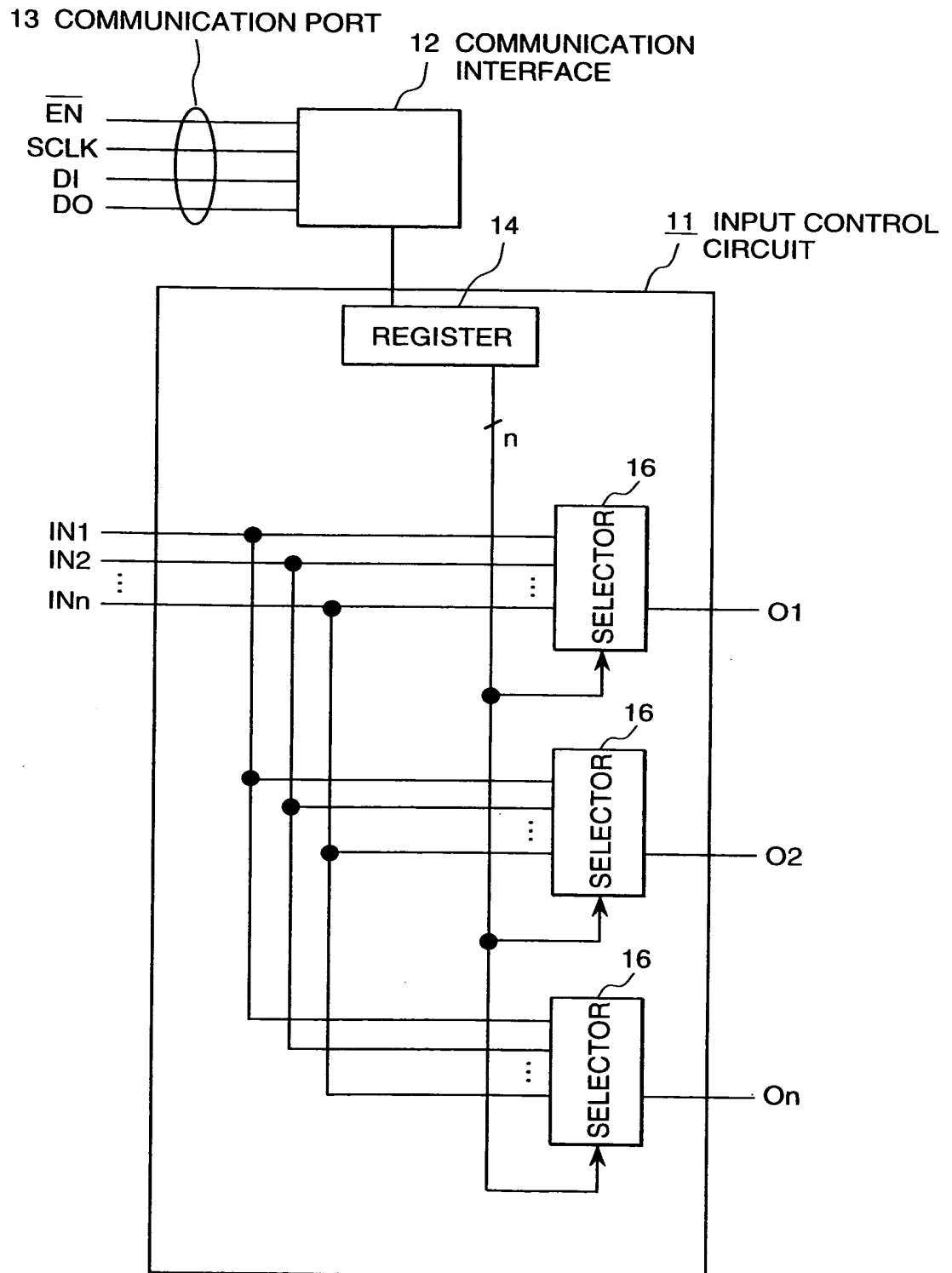


FIG. 20

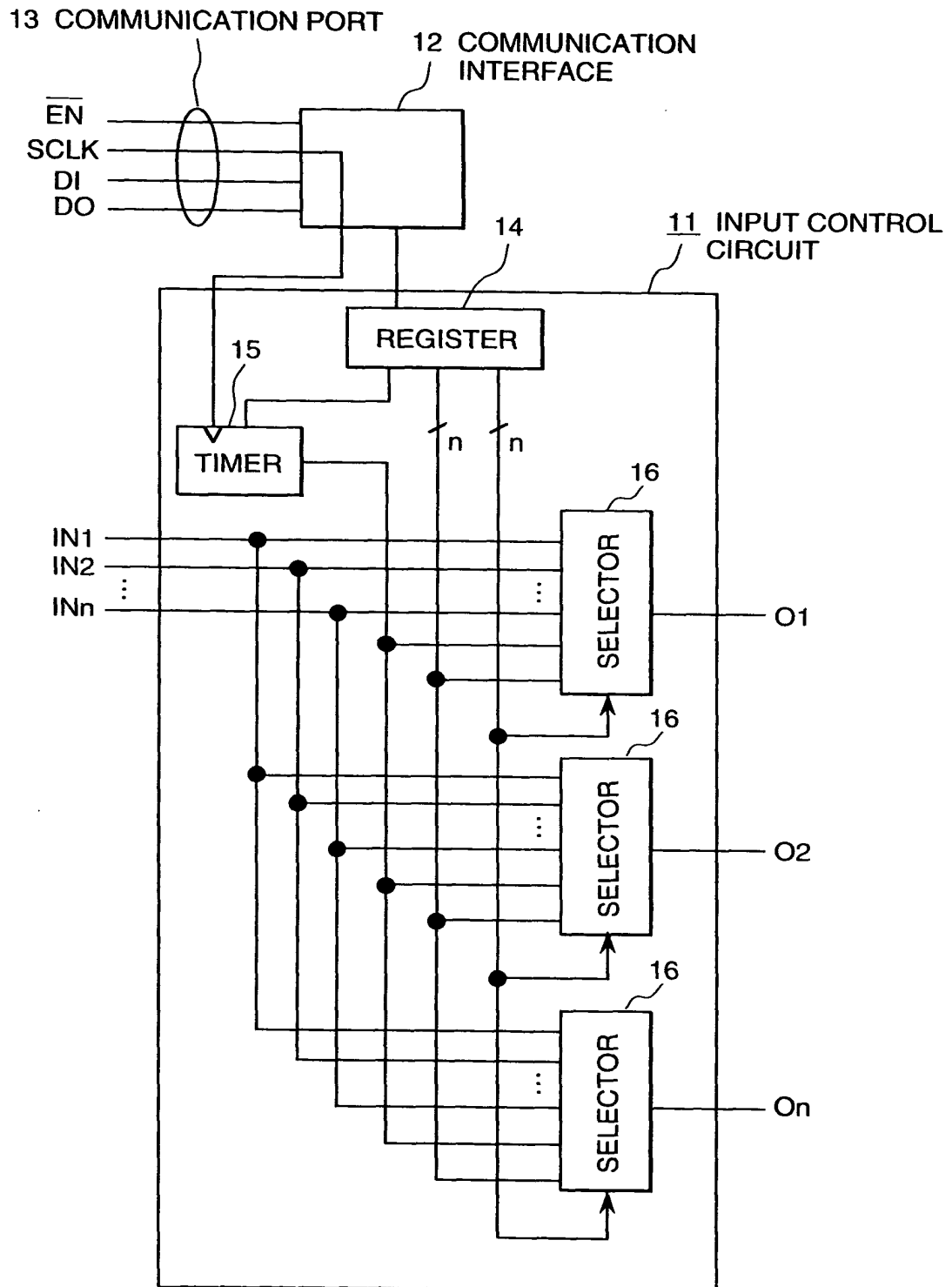


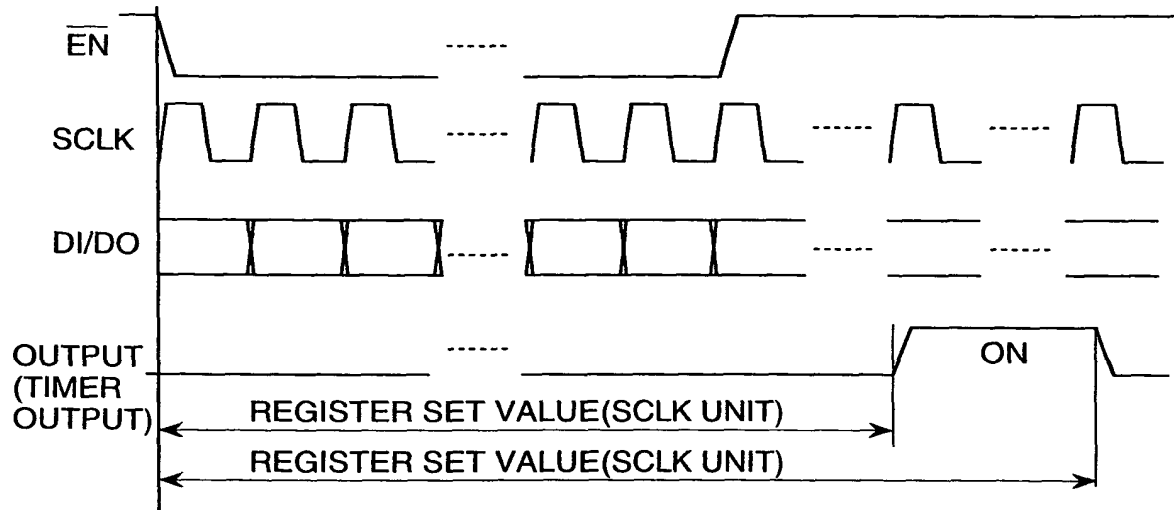
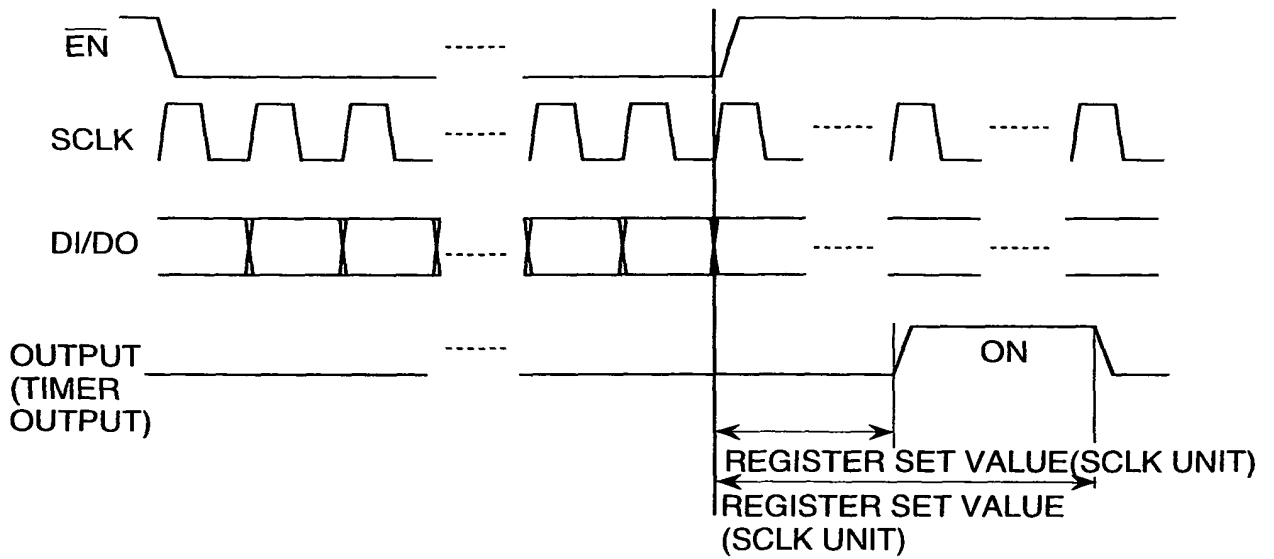
FIG. 21**FIG. 22**

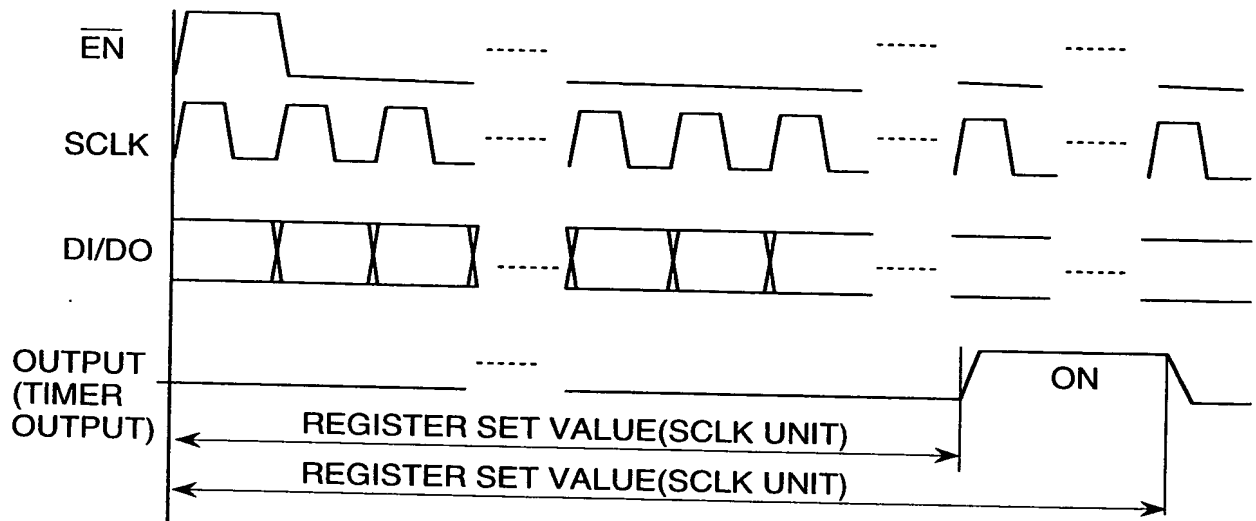
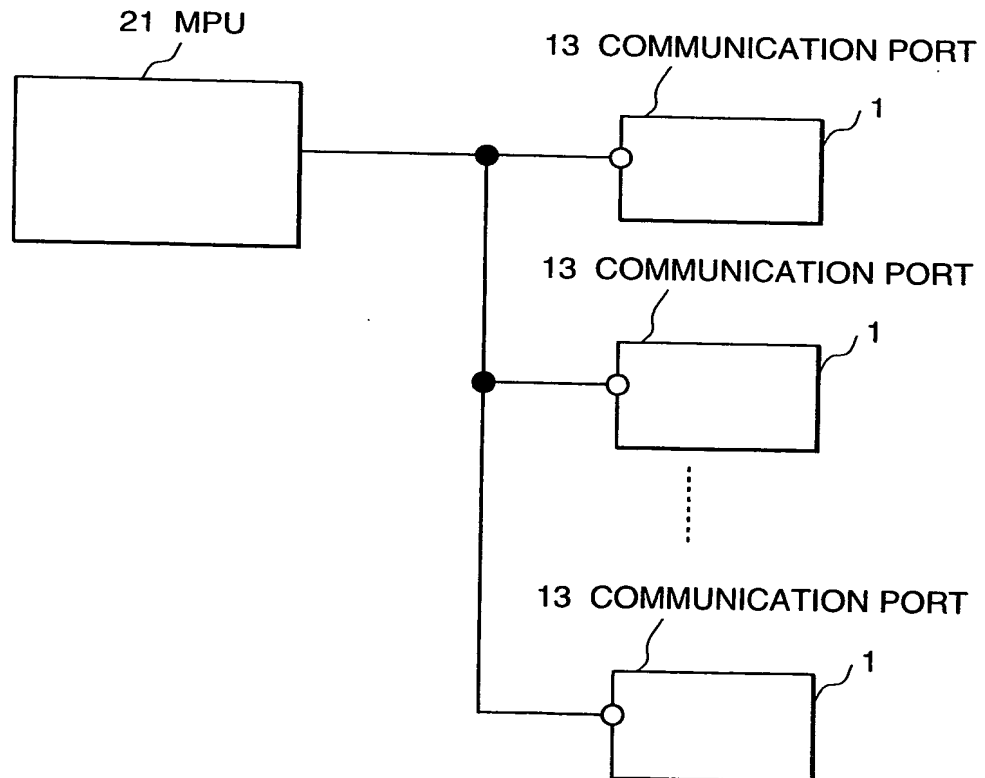
FIG. 23**FIG. 24**

FIG. 25

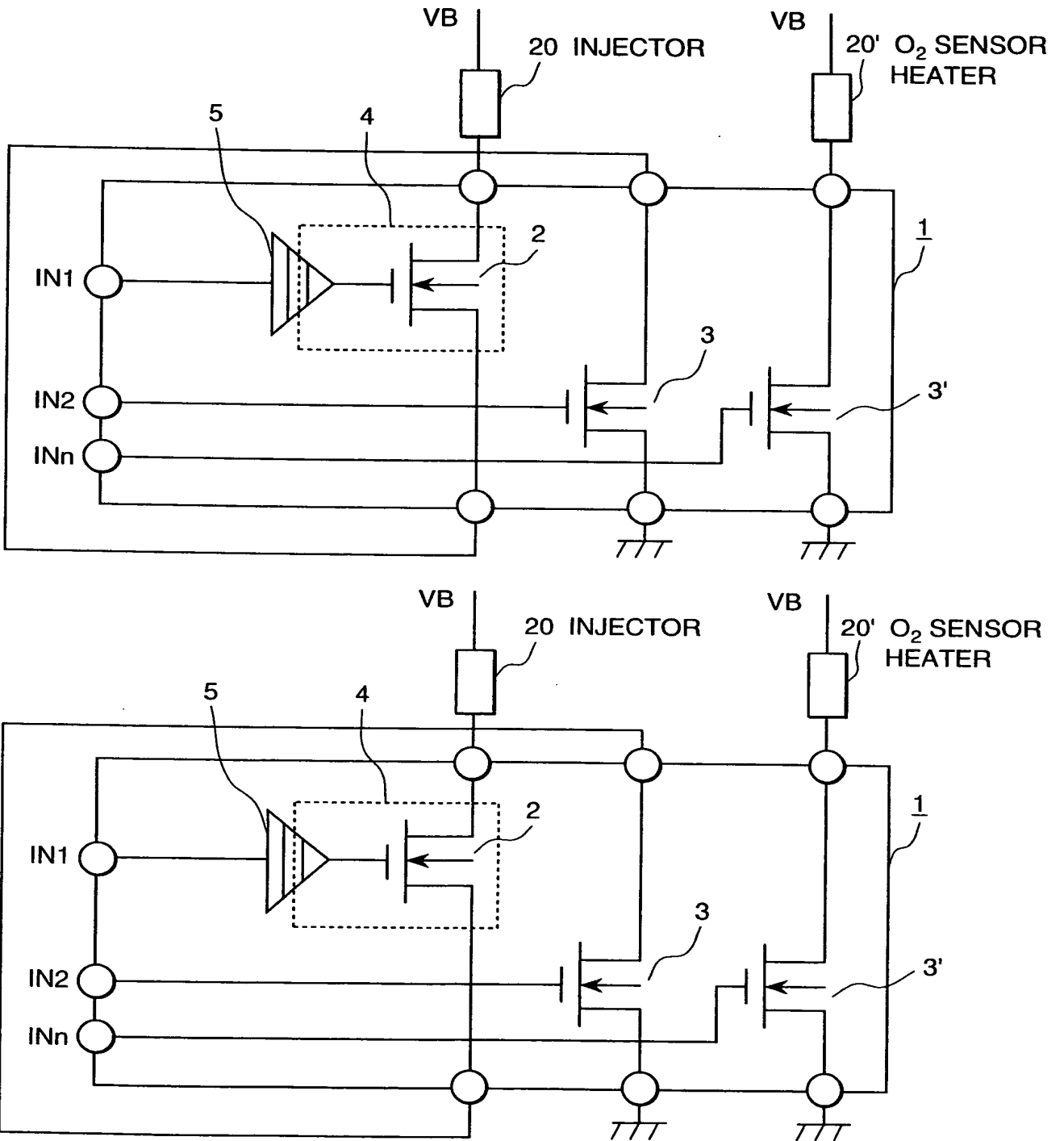


FIG. 26

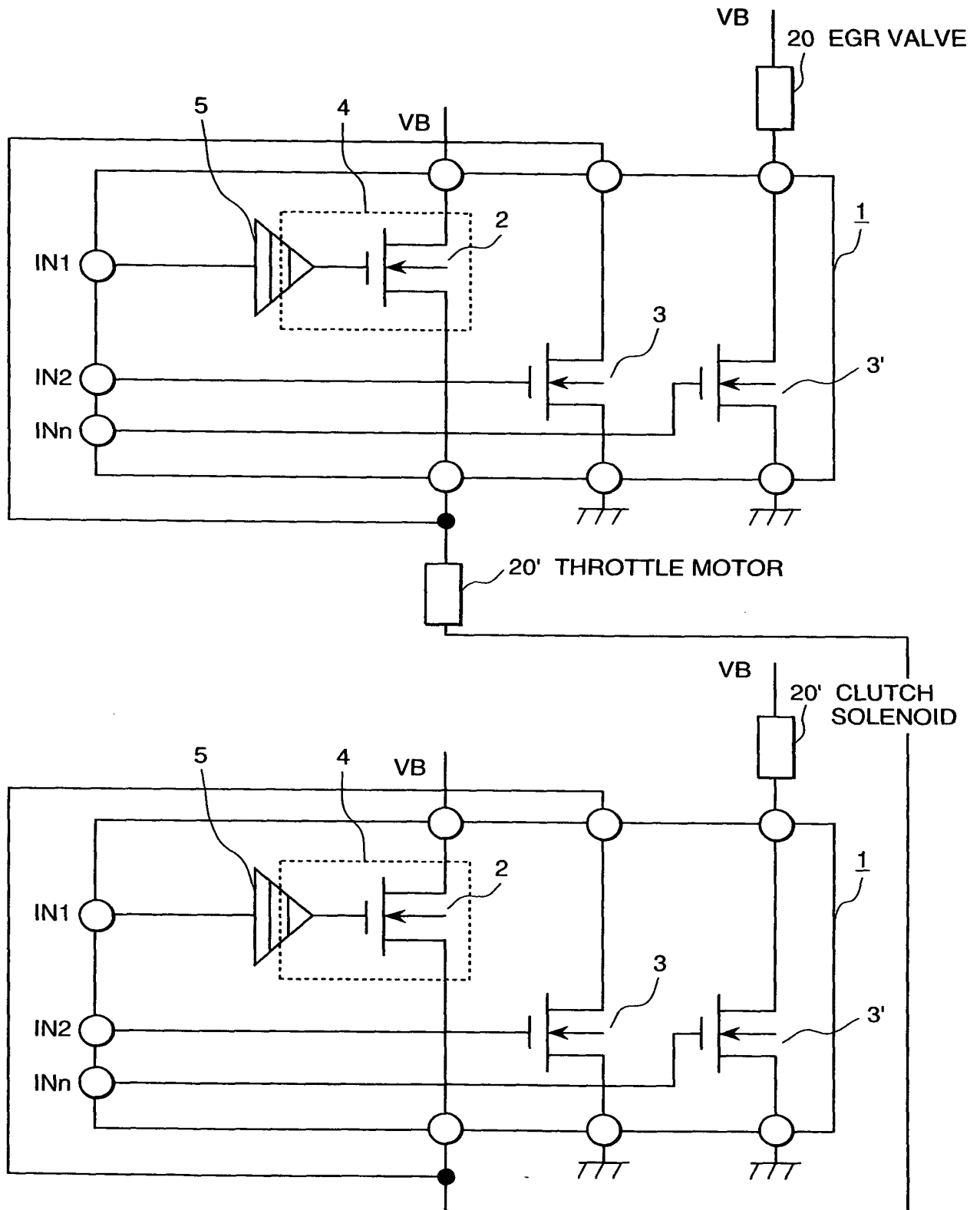


FIG. 27

LSI	CHAN- NEL	WITHSTAND VOLTAGE		ON RESISTANCE		USE				
						FOR 4 CYLINDERS	FOR 6 CYLINDERS	FOR 8 CYLINDERS		
1	1a	40V	80V	0.3Ω	0.6Ω	INJECTOR 1	INJECTOR 1	INJECTOR 1		
	1b	40V		0.3Ω						
	2a	40V	80V	0.3Ω	0.6Ω	INJECTOR 2	INJECTOR 2	INJECTOR 2		
	2b	40V		0.3Ω						
	3a	40V	80V	0.3Ω	0.6Ω	INJECTOR 3	INJECTOR 3	INJECTOR 3		
	3b	40V		0.3Ω						
	4a	40V	80V	0.3Ω	0.6Ω	INJECTOR 4	INJECTOR 4	INJECTOR 4		
	4b	40V		0.3Ω						
	5a	40V	80V	0.3Ω	0.6Ω	LOW PRES. LOAD	INJECTOR 5	LOW PRES. LOAD		
	5b	40V		0.3Ω		LOW PRES. LOAD		LOW PRES. LOAD		
	6a	40V	80V	0.3Ω	0.6Ω	LOW PRES. LOAD	INJECTOR 6	LOW PRES. LOAD		
	6b	40V		0.3Ω		LOW PRES. LOAD		LOW PRES. LOAD		
7~n	40V		0.3Ω		LOW PRES. LOAD	LOW PRES. LOAD	LOW PRES. LOAD			
2	1a	40V	80V	0.3Ω	0.6Ω	/	/	INJECTOR 5		
	1b	40V		0.3Ω						
	2a	40V	80V	0.3Ω	0.6Ω			INJECTOR 6		
	2b	40V		0.3Ω						
	3a	40V	80V	0.3Ω	0.6Ω			INJECTOR 7		
	3b	40V		0.3Ω						
	4a	40V	80V	0.3Ω	0.6Ω			INJECTOR 8		
	4b	40V		0.3Ω						
	5a	40V	80V	0.3Ω	0.6Ω			LOW PRES. LOAD		
	5b	40V		0.3Ω				LOW PRES. LOAD	LOW PRES. LOAD	
	6a	40V	80V	0.3Ω	0.6Ω			LOW PRES. LOAD		
	6b	40V		0.3Ω				LOW PRES. LOAD	LOW PRES. LOAD	
	7~n	40V		0.3Ω				LOW PRES. LOAD		

FIG. 28

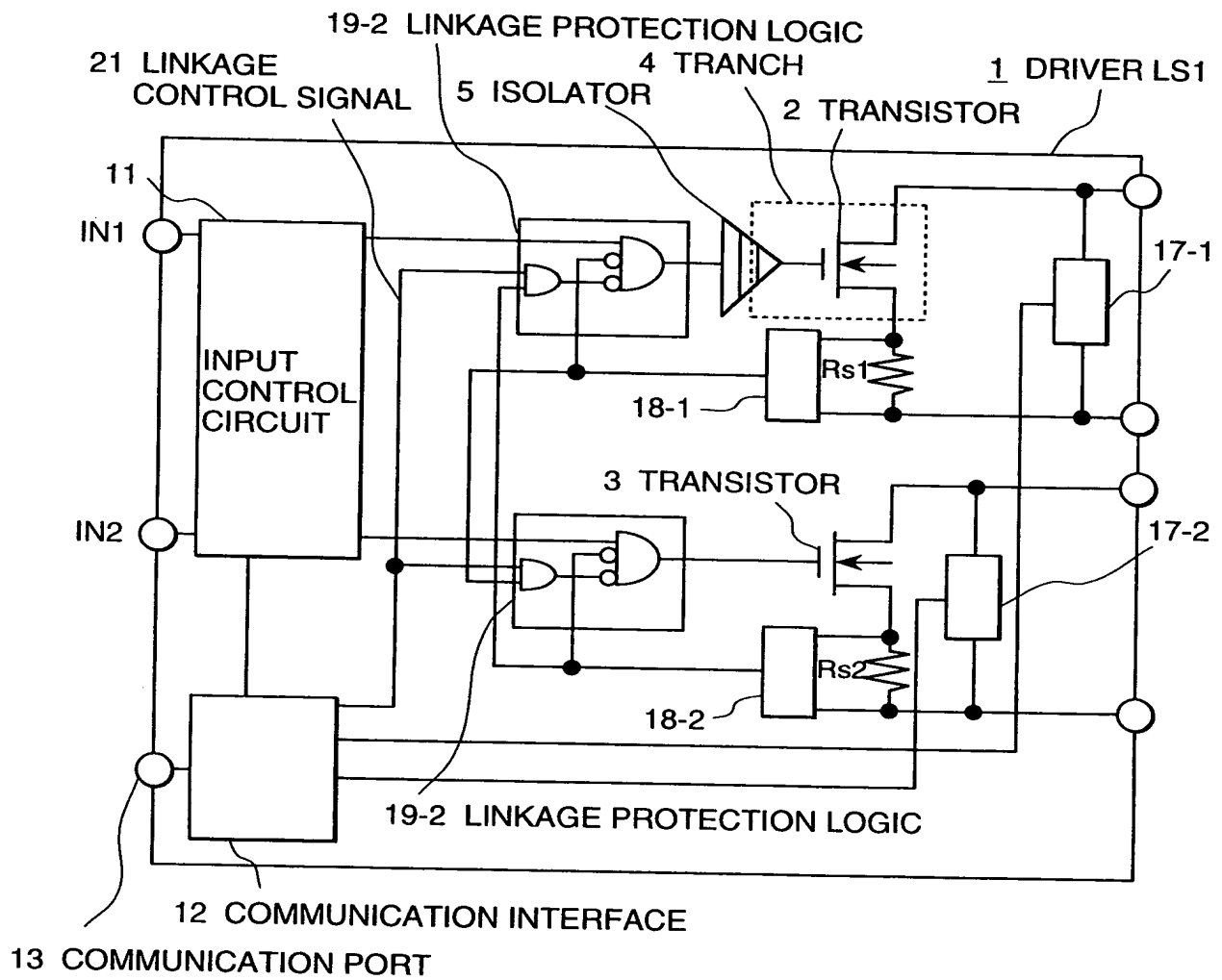
LSI	CHAN- NEL	WITHSTAND VOLTAGE		ON RESISTANCE		USE		
						FOR 4 CYLINDERS	FOR 6 CYLINDERS	FOR 8 CYLINDERS
1	1	80V		0.6 Ω		INJECTOR 1	INJECTOR 1	INJECTOR 1
	2	80V		0.6 Ω		INJECTOR 2	INJECTOR 2	INJECTOR 2
	3	80V		0.6 Ω		INJECTOR 3	INJECTOR 3	INJECTOR 3
	4	80V		0.6 Ω		INJECTOR 4	INJECTOR 4	INJECTOR 4
	5a	40V	80V	0.3 Ω	0.6 Ω	LOW PRES. LOAD	INJECTOR 5	LOW PRES. LOAD
	5b	40V		0.3 Ω		LOW PRES. LOAD		
	6a	40V	80V	0.3 Ω	0.6 Ω	LOW PRES. LOAD	INJECTOR 6	LOW PRES. LOAD
	6b	40V		0.3 Ω		LOW PRES. LOAD		
	7~n	40V		0.3 Ω		LOW PRES. LOAD	LOW PRES. LOAD	LOW PRES. LOAD
2	1	80V		0.6 Ω				INJECTOR 5
	2	80V		0.6 Ω				INJECTOR 6
	3	80V		0.6 Ω				INJECTOR 7
	4	80V		0.6 Ω				INJECTOR 8
	5a	40V	80V	0.3 Ω	0.6 Ω			LOW PRES. LOAD
	5b	40V		0.3 Ω				LOW PRES. LOAD
	6a	40V	80V	0.3 Ω	0.6 Ω			LOW PRES. LOAD
	6b	40V		0.3 Ω				LOW PRES. LOAD
	7~n	40V		0.3 Ω				LOW PRES. LOAD

FIG. 29

LSI	CHAN- NEL	WITHSTAND VOLTAGE		USE		
				FOR 4 CYLINDERS	FOR 6 CYLINDERS	FOR 8 CYLINDERS
1	1	400V		IGNITER 1	IGNITER 1	IGNITER 1
	2	400V		IGNITER 2	IGNITER 2	IGNITER 2
	3	400V		IGNITER 3	IGNITER 3	IGNITER 3
	4	400V		IGNITER 4	IGNITER 4	IGNITER 4
	5a	40V	400V	LOW PRES. LOAD	IGNITER 5	LOW PRES. LOAD
	5j	40V		LOW PRES. LOAD		LOW PRES. LOAD
	6a	40V	400V	LOW PRES. LOAD	IGNITER 6	LOW PRES. LOAD
	6j	40V		LOW PRES. LOAD		LOW PRES. LOAD
	7~n	40V		LOW PRES. LOAD	LOW PRES. LOAD	LOW PRES. LOAD
2	1	400V				IGNITER 5
	2	400V				IGNITER 6
	3	400V				IGNITER 7
	4	400V				IGNITER 8
	5a	40V	400V			LOW PRES. LOAD
	5j	40V				LOW PRES. LOAD
	6a	40V	400V			LOW PRES. LOAD
	6j	40V				LOW PRES. LOAD
	7~n	40V				LOW PRES. LOAD

FIG. 30

LSI	CHAN- NEL	WITHSTAND VOLTAGE		ON RESISTANCE		USE		
						14 (12) V SYSTEM	42V SYSTEM	MIXED BOTH SYSTEMS
1	1a	40V	80V	0.3 Ω	0.6 Ω	14 (12) V SYSTEM LOAD	42V SYSTEM LOAD	42V SYSTEM LOAD
	1b	40V		0.3 Ω		14 (12) V SYSTEM LOAD		
	2a	40V	80V	0.3 Ω	0.6 Ω	14 (12) V SYSTEM LOAD	42V SYSTEM LOAD	42V SYSTEM LOAD
	2b	40V		0.3 Ω		14 (12) V SYSTEM LOAD		
	3a	40V	80V	0.3 Ω	0.6 Ω	14 (12) V SYSTEM LOAD	42V SYSTEM LOAD	42V SYSTEM LOAD
	3b	40V		0.3 Ω		14 (12) V SYSTEM LOAD		
	4a	40V	80V	0.3 Ω	0.6 Ω	14 (12) V SYSTEM LOAD	42V SYSTEM LOAD	42V SYSTEM LOAD
	4b	40V		0.3 Ω		14 (12) V SYSTEM LOAD		
	⋮							
	na	40V	80V	0.3 Ω	0.6 Ω	14 (12) V SYSTEM LOAD	42V SYSTEM LOAD	14 (12) V SYSTEM LOAD
	nb	40V		0.3 Ω		14 (12) V SYSTEM LOAD		14 (12) V SYSTEM LOAD

FIG. 31

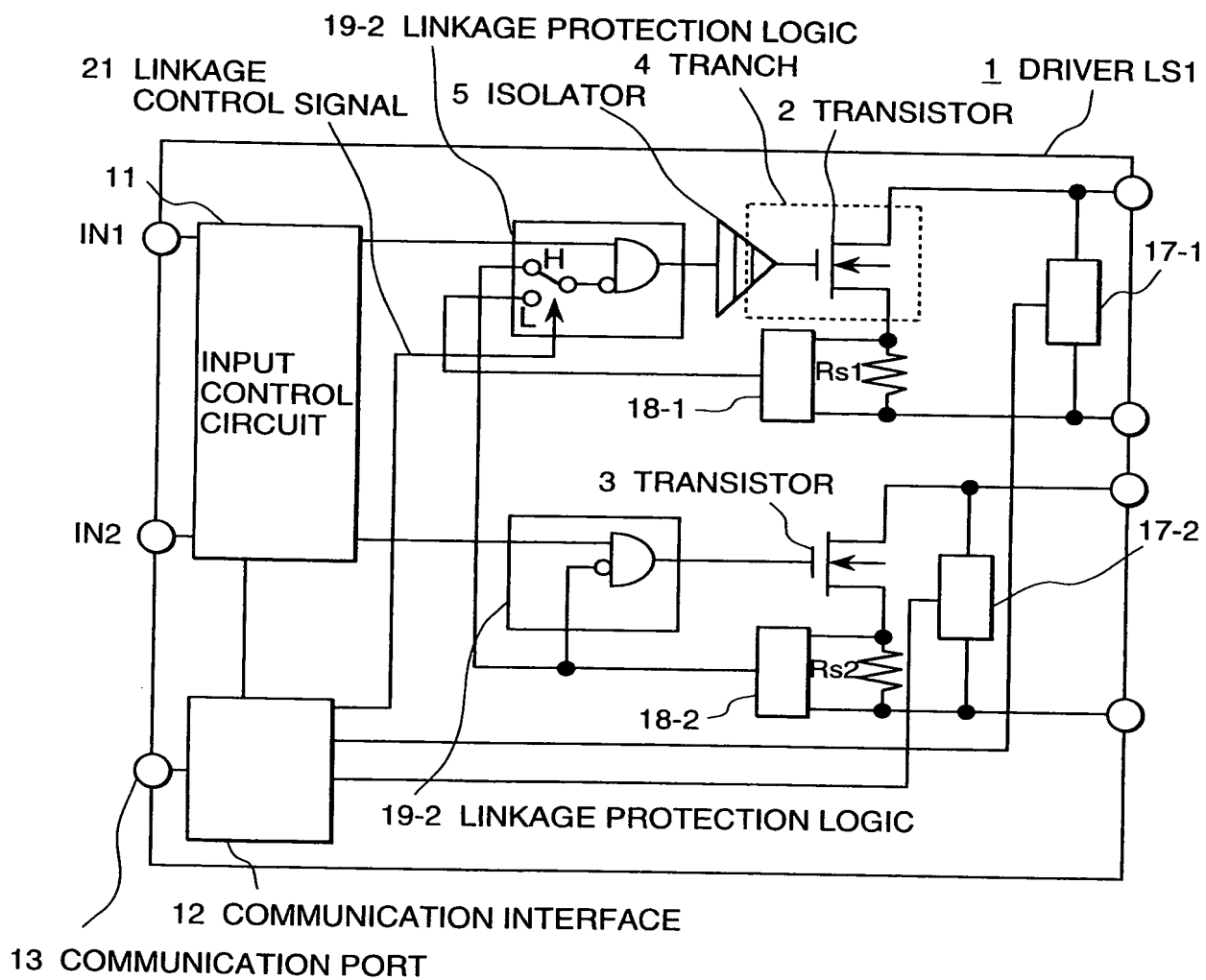


FIG. 33

